

Continuous Integration (CI) Working Group Home

CI Working Group	
Slack channel	#wg-ci
Meeting Information	Working Group meets every 4 weeks on Wednesday from 13:00 to 14:00 Pacific Time. ASWF Calendar Video Conference Link
TAC Member Sponsor	Jean-Francois Panisset
Chairperson(s)	Jean-Francois Panisset

Purpose

The ASWF Continuous Integration (CI) Working Group is tasked to investigate and deliver tools, procedures and services used by ASWF projects in their development process, including:

- Revision control
- Build toolchains
- CI build environments
- Testing
- Packaging and distribution

Goals

Goals of the CI WG are:

- Provide and maintain VFX Reference Platform compliant build environments to be used by anyone requiring a common, reproducible Linux CI build process
- Provide expertise and consulting on tooling and CI processes for ASWF projects
- Identify common patterns between projects that can be factored out and reused.
- Support for Mac and Windows builds
- Support for multi-platform GPU-enabled build and testing
- Support for additional CPU architectures build and testing
- Support for integration of commercial applications and libraries for testing purposes
- Help integrate ASWF projects with established package management systems
- Provide a forum for the exchange of ideas between individuals interested in all aspects of the tooling and processes involved in software development, building and distribution

Non-Goals

Non-goals of the CI WG are:

- The CI Working Group does not aim to prescribe to individual projects how they should set up their infrastructure: projects are free to adopt or adapt what best suits their needs.

Deliverables

- This Wiki
- Docker configurations for VFX Reference Platform guided dependencies on [GitHub](#)
- Docker container images providing VFX Reference Platform compliant build environments hosted from an [unthrottled Docker Hub account](#)
- Sample project, including CI configuration on [GitHub](#)
- Active CI for all ASWF projects using a common platform, GitHub Actions.
- GPU accelerated builders to run project tests which require a GPU.
- [JFrog Repository instance](#) to host build artifacts for ASWF projects.
- Signing infrastructure for releases and build artifacts.

Meeting notes

Meeting notes, recordings, and any presentations made during WG meetings are available [here](#).

Recent space activity

Space contributors

- [Jean-Francois Panisset](#) (Mar 12, 2024)



Jean-Francois Panisset
Continuous Integration (CI) Working Group Home updated Mar 12, 2024 v
iew change



John Mertic
Continuous Integration (CI) Working Group Home created Mar 12, 2024

- [John Mertic](#) (Mar 12, 2024)